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STATE OF MONTANA  
BULLETIN  
OF THE  
Department of Public Health

Vol. 2                      September 15, 1908.                      No. 3

Montana State Board of Health  
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HELENA, MONTANA

Published Monthly at Helena, by the State Board of Health.

Entered as Second-Class Matter September 24, 1907, at the Post Office at Helena,  
Montana, under the Act of Congress of July 16, 1894.



## PLEASE NOTICE.

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Many of those to whom we are now mailing bulletins have changed their address, hence it is necessary that a revised mailing list be made. If you desire this bulletin sent to you in the future kindly notify the Secretary of the State Board of Health at Helena, to this effect, otherwise your name will be dropped from the list.

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Typhoid fever is with us. We have mentioned repeatedly the means by which typhoid fever may be prevented. The following from the Florida Health Notes may impress upon the minds of some the danger from the fly:

### FLIES.

(Apologies to Eugene Field.)

See the fly.

It has not always been a fly—it used to be a maggot.

The children of flies are maggots till they get grown, then they are flies.

Maggots live in manure and eat manure to grow up and be flies.

They would rather be flies than maggots.

Flies eat manure, too.

But they eat a lot of other things that we wouldn't eat.

They eat the stuff a man coughs up when he has consumption.

That is what they go to the spittoon for.

Then the fly-specks have the germs of consumption in them.

When flies come out of the spittoons they rub their fore feet together and then rub them on their heads. That is the way they wash.

Nice, clean flies.

Have one in your coffee?

Flies like open closets, because that is where they lunch.

But they will leave the privy any time to get in your mouth when taking your midday nap.

When you shoo them away from typhoid stools they get on baby's bottle.

Then we wonder how baby got typhoid fever.

Flies are opposed to sewers.

They think it is a trick to starve them out.

Then they have to live on such scrapings as they can get—the vomit of drunk men, sores on dogs and horses, and the cold meat in the pantry that is saved for supper.

Flies have one eternal enemy—the housewife.

What would she think if you were to screen your house and help her to get rid of them?

—Florida Health Notes.

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Tuberculosis is always with us. The following from the Kansas Board of Health is food for thought:

### A MOVING PICTURE.

**Place.**—Sidewalk display of food products.

**Time.**—Midsummer.

**Personnel.**—Flies, pedestrians, customers.

#### ACT. I.

Two swarms of flies are breakfasting on a bright summer morning on two delectable dishes in front of the grocer's store—one is a fresh pile of horse droppings; the other a generous expectoration of tuberculosis sputum just deposited by a gentleman who has recently "come west for his health." Several pedestrians pass, which alarms the aforesaid flies, and they immediately arise, to settle back on the first thing to attract their attention, which seems to be the attractive food products just put out on the sidewalk by the grocer, and, with legs, wings and mouth reeking with filth and tubercular germs, they voraciously attack their second course.

#### ACT II.

Infected food eaten by man who was "run down" by a "bad cold."

#### ACT III.

Another **case** of tuberculosis reported to the department of health.

#### ACT IV.

Another **death** from tuberculosis reported to the department of health.

CURTAIN.

## COMMUNICABLE DISEASES REPORTED FOR THE MONTH OF AUGUST, 1908.

SMALLPOX—Cases of Smallpox were reported as follows: Carbon 2; Cascade 1 (in Great Falls, imported); Custer 1; Flathead 10; Gallatin 4 (all in Bozeman); Park 1; Silver Bow 4; total, 23; total last month, 73; total last August, 5.

DIPHTHERIA—Cases of Diphtheria were reported as follows: Broadwater 1; Carbon 7; Cascade 3 (all in Great Falls); Chouteau 3; Custer 3; Deer Lodge 2 (both in Anaconda); Fergus 1; Flathead 6; Lewis and Clark 3 (1 in Helena); Missoula 6 (5 in Missoula City); Powell 1; Rosebud 3; Sanders 1; Silver Bow 11; Yellowstone 7 (5 in Billings); total, 58; total last month, 73; total last August, 105.

SCARLATINA—Cases of Scarlet Fever were reported as follows: Beaverhead 2; Fergus 1; Flathead 8; Lewis and Clark 4 (all in Helena); Madison 1; Missoula 1 (in Missoula City); Park 2 (both in Livingston); Ravalli 1; Silver Bow 12; total, 32; total last month, 48; total last August, 17.

MEASLES—Cases of Measles were reported as follows: Fergus 5; Missoula 2 (1 in Missoula City); total, 7; total last month, 13; total last August, 27.

TYPHOID FEVER—Cases of Typhoid Fever were reported as follows: Cascade 6 (5 in Great Falls); Chouteau 3; Custer 3; Dawson 1; Fergus 4; Flathead 13; Lewis and Clark 4 (3 in Helena); Madison 1; Meagher 2; Missoula 31 (30 in Missoula City, 22 imported); Park 3 (all in Livingston); Powell 4; Ravalli 1; Yellowstone 11 (9 in Billings, 2 imported); total, 87; total last month, 18; total last August, 113.

## MORTALITY

Deaths Reported to the State Board of Health for the Month of  
August 1908, Arranged According to Counties,

	Tuberculosis.....	Diphtheria.....	Scarlet Fever.....	Measels.....	Typhoid Fever.....	Meinmefis.....	Whooping-Cough.....	Pneumonia.....	Nephritis.....	Organic Heart Disease.....	Malignant Tumors.....	Acute Intestinal Diseases.....	Violence.....	Suicide.....	Alcoholism.....	All other Causes.....	Totals.....
Beaverhead.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	3	4
Broadwater.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2	3
Carbon.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	2	5
Cascade.....	.....	.....	.....	.....	1	.....	.....	1	4	5	3	.....	.....	.....	1	10	30
Chouteau.....	2	1	.....	.....	1	.....	.....	1	1	.....	.....	5	5	1	.....	4	17
Custer.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	2	2	.....	.....	4	9
Dawson.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	3	4	.....	.....	1	.....	10
Deer Lodge.....	2	1	.....	.....	1	.....	.....	.....	1	1	3	3	.....	.....	1	13	26
Fergus.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	1	1	.....	8	13
Flathead.....	2	.....	.....	.....	1	.....	.....	2	1	.....	3	1	2	.....	2	4	18
Gallatin.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	4	.....	.....	3	11
Granite.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	2	5
Jefferson.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	1	4
Lewis and Clark.....	2	.....	1	.....	.....	.....	.....	.....	3	3	1	3	2	1	.....	6	22
Madison.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3	1	.....	.....	2	7
Meagher.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Missoula.....	2	2	.....	.....	4	2	.....	2	2	1	1	10	12	2	.....	9	49
Park.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	1	.....	.....	3	7
Powell.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	3	2	2	.....	1	2	11
Ravalli.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2	4
Rosebud.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	3
Sanders.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3	.....	.....	.....	4
Silver Bow.....	4	3	2	.....	3	2	.....	4	4	4	2	14	9	.....	4	21	76
Sweet Grass.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Teton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	1	3
Valley.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	.....	.....	5	13
Yellowstone.....	1	2	.....	.....	.....	.....	.....	1	1	2	.....	1	1	.....	1	8	18
Totals.....	18	10	3	.....	14	4	.....	14	13	24	16	58	68	5	12	115	374

Deaths per 100,000; 133.6

Annual Death rate per 1,000; 16.03

### Deaths reported from cities of 5,000 or more inhabitants

	Anaconda.....	Billings.....	Bozeman.....	Butte.....	Great Falls.....	Helena.....	Livingston.....	Missoula.....
.....	2	1	.....	.....	1	.....	.....	.....
.....	1	1	.....	.....	.....	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	1	.....
.....	3	.....	1	.....	2	1	.....	3
.....	.....	.....	.....	.....	1	.....	.....	1
.....	2	.....	1	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	2
.....	2	1	.....	.....	4	2	.....	.....

## BIRTHS.

Births reported to the State Board of Health of Montana for  
August 1908, and comparative birth and death rate in State.

	Males	Females	Totals	Deaths	Excess of Births	Excess of Deaths		Males	Females	Totals	Deaths	Excess of Births	Excess of Deaths
Beaverhead .....	4	3	7	4	3	...	Meagher .....	4	1	5	1	4	...
Broadwater .....	3	3	6	3	3	...	Missoula .....	12	10	22	49	...	27
Carbon .....	17	9	26	5	21	...	Park .....	13	9	22	7	15	...
Cascade .....	18	26	44	30	14	...	Powell .....	2	3	5	11	...	6
Choteau .....	8	6	14	17	...	3	Ravalli .....	10	16	26	4	22	...
Custer .....	4	9	13	9	4	...	Rosebud .....	3	5	8	3	5	...
Dawson .....	8	4	12	10	2	...	Sanders .....	...	...	...	4	...	4
Deer Lodge .....	18	13	31	26	5	...	Silver Bow .....	67	43	110	76	34	...
Fergus .....	6	7	13	13	...	...	Sweetgrass .....	3	2	5	1	4	...
Flathead .....	17	12	29	18	11	...	Teton .....	2	2	4	3	1	...
Gallatin .....	9	16	25	11	14	...	Valley .....	10	8	18	13	5	...
Granite .....	1	5	6	5	1	...	Yellowstone .....	16	16	32	18	14	...
Jefferson .....	2	3	5	4	1	...							
Lewis and Clark .....	14	12	26	22	4	...	Totals .....	274	252	526	374	152	...
Madison .....	3	9	12	7	5	...							

### Births reported from Cities of 5,000 or more inhabitants.

Anaconda .....	18	13	31	21	10	...	Great Falls .....	15	20	35	22	13	...
Billings .....	11	10	21	9	12	...	Helena .....	11	9	20	21	...	1
Bozeman .....	5	8	13	7	6	...	Livingston .....	9	7	16	6	10	...
Butte .....	60	34	94	43	51	...	Missoula .....	10	9	19	27	...	8





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